



Atty. Docket No.: 3124-Z

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Richard J. Feldmann

Serial No. 09/866,925

Filed: May 30, 2001

Group Art Unit 1645

Examiner John S. Brusca

For: Algorithmic determination of flanking DNA sequences
that control the expression of sets of genes in
prokaryotic, archaea and eukaryotic genomes

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RESPONSE TO OFFICIAL ACTION AND
CONFIRMATION OF INTERVIEW WITH EXAMINER

Hon. Commissioner of Patents & Trademarks
Washington, D. C. 20231

Sir:

In response to the Office Action mailed August 30, 2002 and
the interview with Examiner Brusca on October 28, 2002, please
amend the above-identified application as follows:

IN THE CLAIMS:

Cancel all of the claims in the application (claims 1-19) and
substitute the following new claims 20 - 37:

5013 C1
B1
~~20.~~ A method of identifying DNA sequences that control the
expression of different collections of genes in a genome comprising
detecting, by computer, one or more pairs of non-adjacent DNA
sequences to which are bound one RNA molecule comprising of two RNA
sequences.

~~21.~~ A method of identifying DNA sequences that control the
expression of different collections of genes in a genome comprising